



OVERVIEW

GSA complies with applicable executive orders and federal, state, and local environmental laws, standards, and guidelines to minimize any potential lead hazard in child care centers.

Exposure to lead damages human health. In adults, lead exposure can result in high blood pressure, nervous disorders, and memory problems. Lead exposure in children can result in kidney damage, stupor, coma, and severe brain damage. Young children and pregnant women are at a greater risk, even with shorter exposure times.

Potential sources of lead exposure include faucets or fittings that are made from lead-contaminated brass, water systems with lead pipes, and copper pipes with solder. GSA tests child care centers' drinking fountains and water coolers in accordance with EPA's school guidelines.

GSA Responsibilities

- Test sources of drinking water in child care centers for lead.
- Implement corrective measures when necessary.

Safety and Environmental Management Personnel Responsibilities

- Where lead levels exceed EPA action levels, submit list of deficient centers quarterly to Central Office until problem has been corrected.

Property Management Community Responsibilities

- Test for lead in drinking water.
- Implement corrective measures when necessary.
- Notify facility personnel of testing results when action levels are exceeded.

Lead in Drinking Water Laws and Regulations

Citation	Topic
Safe Drinking Water Act	<ul style="list-style-type: none">◆ Requires EPA to set drinking water standards to protect public health.◆ Requires the use of lead free pipe, solder, and flux in drinking water connections. http://www4.law.cornell.edu/uscode/42/300f.html
40 CFR 141	National Primary Drinking Water Regulations*
40 CFR 142	National Primary Drinking Water Regulations Implementation*

*The entire text of the above regulations can be found at:
<http://www.epa.gov/epacfr40/chapt-I.info/chi-toc.htm>

Further Information

- **PBS Environmental Hotline**
(800) 379-6505 or nepa.callin@gsa.gov
- **GSA Home Page**
<http://www.gsa.gov> - Search term "Lead"
- **PBS Environmental Programs Home Page**
(GSA intranet users only)
<http://insite.gsa.gov/pbs/environmental>
- **EPA Safe Drinking Water Hotline**
1-(800) 426-4791
- **National Lead Info. Center**
(800) 424-LEAD or <http://www.epa.gov/lead/nlic.htm>
- **EPA Drinking Water Standards Program**
<http://www.epa.gov/ogwdw/standards.html>
- **EPA Lead in Your Drinking Water**
<http://www.epa.gov/OGWDW/Pubs/lead1.html>
- **The Lead Contamination Information System (Lead in Drinking Water)**
<http://www.epa.gov/seahome/leaddw.html>
- **EPA Regional Office Lead Coordinators**
<http://www.epa.gov/opptintr/lead/leadoff1.htm>
- **EPA Technical Review Workgroup - Lead in Children**
<http://www.epa.gov/superfund/programs/lead/>
- **Sampling for Lead in Drinking Water in Nursery Schools and Day Care Centers** - [EPA 812-B-94-003]: 4/94, 22 pp

GSA POLICY

EPA regulations require that child care centers operating their own water supplies test all drinking outlets for lead. Because children are sensitive to the effects of lead at low levels, it is GSA's policy that all GSA child care centers test for lead in accordance with EPA requirements.

DRINKING WATER STANDARDS

The Maximum Contaminant Level Goal for lead is 0 ppb, the EPA action level for lead in drinking water is 15 ppb. GSA requires that corrective actions be taken when lead concentrations in drinking water exceed the 15 ppb action level.

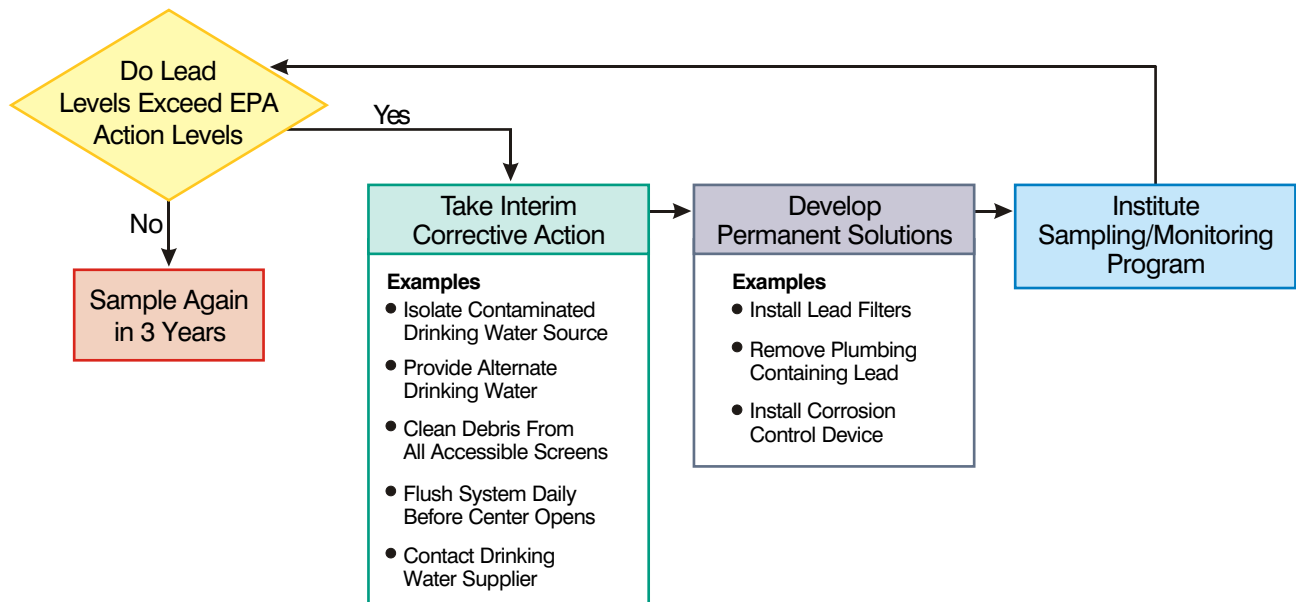
EPA STANDARDS FOR LEAD IN DRINKING WATER	
Maximum Contaminant Level Goal (MCLG)	None detected at a detection limit of 1 ppb
Action Level	15 ppb

SAMPLING REQUIREMENTS

- Sampling of all drinking water outlets shall be performed prior to building occupancy and every three years thereafter
 - A sampling/monitoring program must be implemented as part of a corrective action program if lead concentrations are found to exceed EPA action levels during routine sampling
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CORRECTIVE ACTION PROGRAM

Corrective action is required when lead concentrations exceed EPA action levels



NOTIFICATION REQUIREMENTS

- Drinking water results must be made available to childcare center teachers, staff, and parents.
 - All analytical results above action levels must be reported to the applicable state agency.
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